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THE ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

for the year ended

31st December, 1943.

To the Chairman and Members of the
Conisbrough Urban District Council.

Gentlemen,

I have the honour to submit my 23rd Annual Report for the twelve months ended 31st December, 1943, on the Sanitary Circumstances, the Sanitary Administration, and the Vital Statistics of the District.

AREA OF DISTRICT.	1593 ACRES.

POPULATION ETC.

Census Population 1921.	15,860
Census Population 1931.	18,174
Registrar General's estimated residential population mid-year.	15,390
do do 1942.	15,290
Number of inhabited houses at the end of 1943.	3,972
Rateable Value mid-year.	£56,150
Sum represented by a penny rate.	£210

BIRTHS. The number of births registered during the year were:-

	Male	Female	Total
Legitimate	167	153	320
Illegitimate	11	6	17

Birth Rate per 1000 of the population	21.9
Birth Rate per 1000 for England and Wales	16.5
Birth Rate per 1000 for this district in 1942.	21.7

Still Births.

	Male	Female	Total
Legitimate	13	7	20
Illegitimate	-	-	-

The total of 20 still births gives a rate of 1.3 per 1000 population. The rate for England and Wales was 0.5 per 1000.

The Birth Rates for the four quarters of the year (not including transferable births) were:-

Quarter ended 31st March.	15.4
30th June.	17.7
30th September.	16.4
31st December.	18.3

DEATHS.

Male	Female	Total
112	84	196

Death Rate per 1000 of the population	12.7
Death Rate per 1000 for England and Wales	12.1
Death Rate per 1000 for this district in 1942	10.6

The death rates for the four quarters of the year (not including transferable deaths) were:-

Quarter ended 31st March	12.5
30th June.	8.3
30th September	5.5
31st December	14.5

CAUSES OF DEATH.

	Males.	Females.
All Causes	112	84
1. Typhoid & Paratyphoid fevers.	-	-
2. Cerebro Spinal Fever.	-	-
3. Scarlet Fever.	-	-
4. Whooping Cough.	-	-
5. Diphtheria.	-	-
6. Tuberculosis of respiratory system.	9	5
7. Other Tuberculosis diseases.	1	1
8. Syphillitis diseases.	1	-
9. Influenza.	8	1
10. Measles.	-	1
11. Acute Polio-encephalitis.	-	-
12. Acute Infantile encephalitis.	-	-
13. Cancer of B. cav. Oesoph (M) & Ulterus (F)	-	1
14. Cancer of Stomach.	3	3
15. Cancer of breast.	-	-
16. Cancer of all other sites.	7	5
17. Diabetes.	-	-
18. Intra-cran: vasc: lesions.	4	10
19. Heart Diseases.	25	19
20. Other circulatory diseases.	4	2
21. Bronchitis.	7	6
22. Pneumonia.	8	6
23. Other respiratory diseases.	-	-
24. Ulcer of Stomach.	1	-
25. Diarrhoea (under 2 years)	2	1
26. Appendicitis.	-	-
27. Other digestive diseases.	2	3
28. Acute & chronic nephritis.	1	2
29. Puerperal sepsis.	-	-
30. Other puerperal causes.	-	1
31. Congenital debility & premature birth.	4	4
32. Con: mal: birth inj. Infant Dis.	-	1
33. Suicide.	2	-
34. Road Traffic Accidents.	9	2
35. Violent Causes.	9	-
36. All other causes.	5	10

INFANTILE MORTALITY.

There were 9 male and 12 female deaths of Infants under 1 year of age.

Infantile Mortality Rate per 1000 births.	62.3
Infantile Mortality Rate per 1000 births for England and Wales.	49.0
Infantile Mortality Rate per 1000 births for this district in 1942.	72.0
Infantile Mortality Rate per 1000 illegitimate births.	---

The Infantile Mortality Rate of 62.3 is higher than that for England and Wales, but lower than that for 1942, the deaths being due principally to Congenital debility and premature birth.

The Infantile Mortality Rate for the four quarters of the year were:-

Quarter ended 31st March.	101.7
30th June,	60.6
30th September.	63.5
31st December.	85.7

The number of women dying in consequences of child birth were:-

from sepsis Nil. from other causes. 1.

Public Health Staff.

Dr. John McArthur, L.R.C.P. & S. Edin., Medical Officer of Health; Meat, Dairies and Cowsheds Inspector; part time appointment, half salary as M.O.H. contributed.

Mr. H. Thirlwall, M.I.M. & Cy.E. Surveyor and Sanitary Inspector. Whole time appointment, half salary as Sanitary Inspector contributed.

Mr. A.W.R. Taylor, C.R.S.I., Deputy Surveyor and Sanitary Inspector. Whole time appointment.

Mr. C. Urch, Assistant Surveyor and Sanitary Inspector. Whole time appointment.

NURSING ARRANGEMENTS, HOSPITALS, ETC.

There is a private Nursing Association at Denaby Main in connection with the Fullerton Hospital which covers most of the Urban District.

A Maternity and Child Welfare Centre, School Nursing, and Sun Ray treatment is provided by the County Council.

The Council are a constituent Authority of the Doncaster and Mexborough Joint Hospital Board. The Hospital is situated in the Urban District and receives cases of Diphtheria, Scarlet Fever, Enteric Fever and Cerebro Spinal Fever. The Board have also a Small Pox Hospital.

Motor Ambulances are provided by the Board for the conveyance of Infectious patients to Hospital.

A Motor Ambulance is also provided by the Local Authority for the removal of accident and other cases.

A Mortuary is provided at the Council Offices by the Local Authority.

ADOPTIVE ACTS, BYELAWS AND REGULATIONS.

By the Conisbrough (Constitution of Urban District and Division into Wards) Order 1920, the Infectious Diseases (Prevention) Act 1890 and the Baths and Washhouses Acts 1864 to 1869 were declared to be in force in the Urban District.

Part III of the Public Health Acts (Amendment) Act 1890 has been adopted and came into force on the 1st May, 1922.

Part II, IV and X of the Public Health Acts (Amendment) Act 1907 have been adopted and came into force on the 1st May, 1922.

Part II of the Public Health Act 1925 has been adopted.

Certain sections of the above have been repealed by the Public Health Act 1936.

By Order of the Minister of Health dated 8th September, 1924, Byelaws with respect to New Streets came into operation in the Urban District. By Order of the Minister of Health dated 30th December, 1939, new Building Byelaws came into operation.

By Order of the Minister of Health dated 27th June, 1930, Byelaws with respect to Recreation Grounds become operative.

SANITARY CIRCUMSTANCES OF THE DISTRICT.

1. Water Supply. There has been no shortage during the year.

2. Drainage and Sewerage. No extensions were made during the year.

3. Rivers & Streams. It has not been found necessary to take action in connection with the pollution of rivers and streams.

4. Closet Accommodation. There are now in the district 2 Pail Closets, 18 privy middens, 3,885 pedestal water closets, 164 waste water closets, and 28 trough water closets.

5. Public Cleansing. During the year approximately 6648 tons of dry refuse have been removed. This work is carried out by direct labour, and the total cost per house per year for dry refuse was 17/7d.

The emptying of privy middens is also carried out by direct labour, and the average cost per house per year was £1. 13. 9. The number of loads removed was 40 equal to approximately 60 tons.

6. Shops. 1 visit was made under the Shop Act 1936.

7. Smoke Abatement.

No. of Cautions issued. Nil. No. of prosecutions Nil.

8. Swimming Baths. The Swimming Bath in the district under the control of the Local Authority is not in use for the time being.

9. Eradication of Bed Bugs.

Number of Council houses found to be infested. 4.
Other houses Nil. Number disinfested. 4.
Spraying and stoving is carried out in connection with the disinfestation of houses. This is done with Zaldecide supplied by Newton Chambers & Co., Ltd. Vermicine and Insecticide supplied by British Fumigants Ltd., and Furmex Fumigating lamps supplied by the Furness Fumigation Co., Ltd.

Statement in pursuance of Article 19 of the Sanitary Officers' Order 1926 in relation to Inspections, Notices etc.

Total number of inspections made in 1943.	474
Statutory Notices in hand to convert privies into W.C's.	-
Statutory Notices served to convert privies into W.C's.	-
Statutory Notices complied with.	-
Statutory Notices outstanding at the end of 1943.	-
Preliminary Notices served to abate nuisances.	11
Preliminary Notices complied with	11
Total nuisances in hand at the end of 1942.	-
Total nuisances in hand at the end of 1943.	-
Houses disinfected in 1943.	145

Disinfection is carried out at all houses where Infectious Diseases occur and disinfectant is also supplied for the use of occupiers in all such cases.

There is one Offensive Trade in the district, (which is not in use at present), a Fat Refining Works, but no action has been necessary with regard thereto.

There are 14 Workshops and 3 Bakehouses in the district. It has not been necessary to take any action under the Factory and Workshops Acts.

Tents, Vans, Sheds, etc.

No. in district. 5. Action with regard thereto. Nil.

Camping Sites.

No. of sites. Nil. Licenses issued. Nil.
Number of campers in district during year. Nil.

HOUSING.

Number of houses erected during the year:-

(a) Total erected. Nil.
(b) As part of municipal Housing Scheme. Nil.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

During the year an inspection has been made of the Cows, Cowsheds, Dairies and Dairymen, together with the Retail Sellers, and the shops and vans selling pasteurised bottled milk.

There is only one producer in the district with an average daily sale of 9 gallons from 7 cows. 223 gallons are produced and sold daily from outside districts. All the cows in the Urban District were found healthy and in good condition. The cowshed is convenient for cleaning, while dairy utensils are well kept.

There are 36 retail purveyors of milk in the district with a total daily supply of 732 gallons, or 5856 pints daily.

There are 5 separate wholesale purveyors of pasteurised bottled milk coming into the district, and their average sales amount to 3832 pints or 479 gallons daily.

The Doncaster Co-operative Society from their Conisbrough shop send out an average of 450 pint bottles daily, and the Denaby Co-operative Society 1600 pint bottles daily.

Meat.

There are 2 registered and 6 licensed slaughter houses in the district all in good condition. These are visited regularly by the Meat Inspector, who carries out all the duties under the Meat Inspection Regulations. The number of inspections of slaughter houses was 416.

During the year the Meat Inspector has examined as follows:-

		Beast.	Calves.	Sheep & Lambs.	Pigs.
Number killed and inspected.	English.	428	208	1368	98
	Foreign.	264		7802	75,712 lb. of Pork.

Seizures of Unsound Food.

There were 42 seizures of unsound food, amounting to approximately 741 lbs. These were condemned and destroyed.

INFECTIOUS DISEASES.

Zymotic Diseases. The number of cases notified together with the number of deaths and death rates with respect to the principal Zymotic diseases are as follows:-

	No. of cases notified.	No. of deaths.	Death Rate per 1000 of the population
Measles.	42	1	0.06
Scarlet Fever.	88	-	-
Whooping Cough.	32	-	-
Diphtheria.	43	-	-
Diarrhoea & Enteritis.	-	3	0.19
Enteric Fever.	-	-	-

Infectious Diseases notified.

Disease.	Total cases notified.	Cases admitted to Hospital.	Total Deaths.
Scarlet Fever.	88	85	-
Diphtheria.	43	43	-
Cerebro Spinal Fever.	3	3	-
Pneumonia.	9	-	14
Encephalitis lethargica.	1	1	-
Erysipelas.	4	-	-
Measles.	42	-	1
Whooping Cough.	32	-	-

Notifiable Diseases in Age periods.

	Under 1 year.	1 to 2 years.	2 to 3 years.	3 to 4 years.	4 to 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 35 years.	35 to 45 years.	45 to 65 years.	65 years & over.	Total.
Encephalitis lethargica.	-	-	1	-	-	-	-	-	-	-	-	-	1
Scarlet Fever.	-	1	7	12	11	46	7	1	3	-	-	-	88
Diphtheria.	1	3	4	3	1	23	3	2	3	-	-	-	43
Cerebro Spinal Fever.	-	-	-	1	-	-	-	1	1	-	-	-	3
Pneumonia.	-	-	-	-	-	-	-	-	-	1	8	-	9
Erysipelas.	-	-	-	-	-	-	-	-	-	-	3	1	4
Measles.	4	3	9	11	5	8	1	-	1	-	-	-	42
Whooping Cough.	3	5	1	7	6	10	-	-	-	-	-	-	32

Notifiable Diseases occurred in the Wards as follows:-

Disease.	North.	South.	East.	West.	Denaby.	Total.
Encephalitis Leth.	-	-	-	1	-	1
Scarlet Fever.	17	40	11	13	7	88
Diphtheria.	3	28	5	5	2	43
Cerebro Spinal F.	-	2	-	-	1	3
Pneumonia.		1	1	4	3	9
Erysipelas.	1	2	1	-	-	4
Measles.	-	30	6	-	6	42
Whooping Cough.	5	22	4	-	1	32

Tuberculosis cases notified and deaths in age periods:-

Age.	New Cases				Deaths.			
	Respiratory.		Non Respir.		Respiratory.		Non-Respir.	
	M.	F.	M.	F.	M.	F.	M.	F.
0.	-	-	-	-	-	-	-	-
1.	-	-	-	-	-	-	1	1
5.	2	-	1	-	1	-	-	-
15.	5	2	-	-	-	1	-	-
20.	6	1	-	-	-	1	-	-
35.	1	-	-	-	1	1	-	-
45.	1	-	-	-	2	-	-	-
55.	-	1	-	-	5	2	-	-
65 & over.	-	-	-	-	-	-	-	-
	15	4	1	-	9	5	1	1

Ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths, 12½%

No cases of Tuberculosis came to hand without notification.

INFECTIOUS DISEASES.

During the year 222 cases of Infectious Diseases were notified excluding cases of Tuberculosis. This is considerably less than last year owing to the decrease in the number of cases of measles.

Scarlet Fever.

88 cases were notified without fatal result, principally in the South and North wards.

Diphtheria.

43 cases were notified without fatal result, and the South ward which is the largest had 28 cases. Of the total number, not one of them had been previously immunised although the School clinics are carried on regularly.

Cerebro-Spinal Fever.

3 cases were notified without fatality.

Whooping Cough.

32 cases were notified with no deaths.

Puerperal Fever. Nil.

Enteric Fever. Nil.

Erysipelas. 4 cases were notified.

Measles. 41 cases were notified resulting in one death.

Pneumonia. 9 cases were notified but there were 13 deaths which shows that not all the cases are being notified.

Scabies. Treatment of this disease had to be abandoned during the latter part of the year as no volunteers came forward to continue the work after the staff at the First Aid Post had been reduced to infinitesimal proportions.

Tuberculosis.

20 new cases were notified, 19 Respiratory and 1 Non-Respiratory. There were 2 deaths not notified and 14 deaths of cases which had been previously notified, a total of 14 Respiratory and 2 Non-Respiratory.

Cancer. There were 18 deaths, 10 male and 8 female. Facilities for the treatment of this disease are provided at the Radium Centre of Sheffield Infirmary.

In conclusion, I have to thank Messrs. Thirlwall, Taylor and Urch for their assistance and kindly co-operation during the year.

I am, Gentlemen,

Your obedient Servant,

JOHN McARTHUR.

Medical Officer of Health.